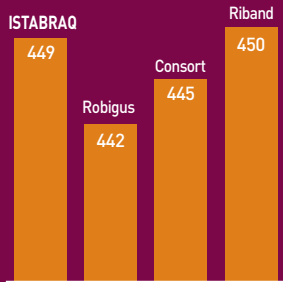


DISTILLING TRIALS 2004-2006

SPIRIT YIELD (LA/T) DRY WEIGHT



Source: SWRI (LA/T = Litres of Alcohol per Tonne)

SWRI COMMENT

"Istabraq achieved above average in alcohol yield and well below average in residue viscosity on all 7 trial sites. Given its consistent high quality distilling performance over several years of trials, thoroughly deserves its 'good' rating"

SOWING DATES

The latest safe sowing date for Istabraq is the end of February.

HUSBANDRY GUIDELINES

A comprehensive grower's husbandry guide is available for Istabraq. Copies may be downloaded via the internet (www.nickersonseeds.co.uk/istabraq) or by post (free) from the Nickerson Arable Marketing Department at the address below.

Data from the HGCA Recommended Lists database – full data at www.hgca.com – unless indicated otherwise. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.



Rothwell, Market Rasen,
Lincolnshire, LN7 6DT. England.

Tel: 01472 371471 Fax: 01472 371386

Email: enquiries@nickerson.co.uk

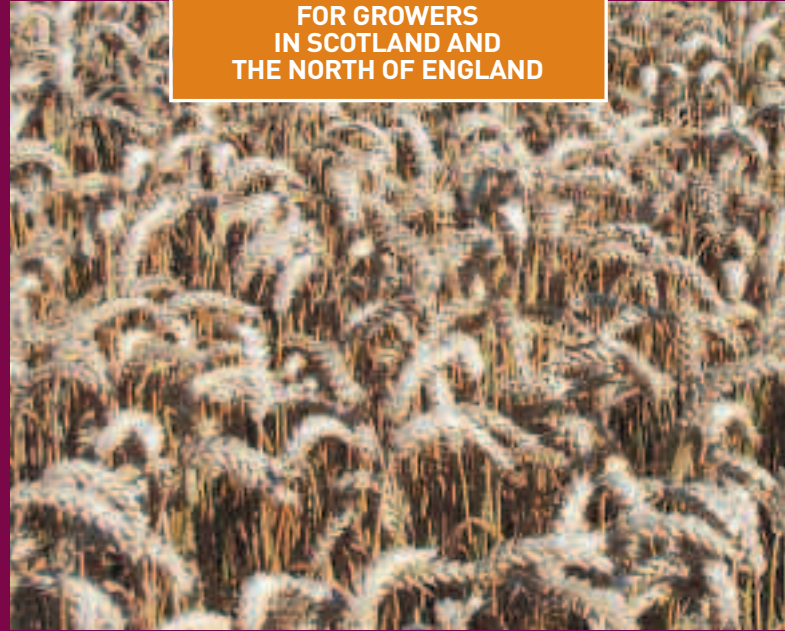
Website: www.nickersonseeds.co.uk/istabraq



Istabraq

WINTER WHEAT

FOR GROWERS
IN SCOTLAND AND
THE NORTH OF ENGLAND



TECHNICAL AND MARKETING GUIDE

- Very high yielding, soft endosperm distilling wheat
- Excellent specific weight
- Suitable for distilling and animal feed
- Consistently high yielding over many sites and seasons



SUMMARY

Istabraq is the highest yielding fully recommended winter wheat variety on the 2008 SAC Cereal Recommended List. Istabraq is very well adapted to the north of England and is the only variety on the SAC list which is rated 'good' for distilling.

BREEDER AND AGENT

Nickerson

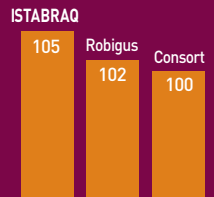
PEDIGREE

Consort x Claire

HIGH YIELDING

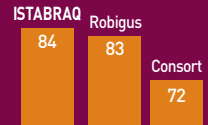
TREATED YIELD

(% mean of treated controls)



UNTREATED YIELD

(% mean of treated controls)



Source: SAC RL 2008

ROTATION, SOIL TYPE AND SOWING DATE

	ISTABRAQ	Robigus	Consort
	Yield (% treated controls)		
ROTATIONAL POSITION			
First Cereal	104	103	96
Second or More Cereal	106	99	100
SOIL TYPE			
Light Soils	104	102	97
Heavy Soils	104	102	97
SOWING DATE			
Before 6th Oct	104	102	97
Late Autumn	106	104	97

Istabraq is highly consistent across different soil types and cropping situations.

AGRONOMIC FEATURES

	ISTABRAQ	Robigus	Consort
Straw Length (cm) Untreated	95	90	86
Straw Strength (1-9)	6	7	8
Maturity (days +/- average)	+1	0	+2

Source: SAC RL 2008

Istabraq has longer straw than Consort and is earlier to mature.

GOOD ALL-ROUND DISEASE RESISTANCE

	ISTABRAQ	Robigus	Consort
Mildew	5	6	6
Yellow Rust	9	3	7
<i>Septoria nodorum</i>	8	7	4
<i>Septoria tritici</i>	5	7	4

Istabraq has very good all-round disease resistance.

GRAIN QUALITY

	ISTABRAQ	Robigus	Consort
Endosperm Texture	Soft	Soft	Soft
Distilling Rating	Good	Medium	Medium
Hagberg Falling Number	207	206	226
Specific Weight (kg/hl)	78.2	76.5	76.8
1,000 Grain Weight (gm)	49.5	45.5	50.7

Source: SAC RL 2008

Istabraq has consistently produced very high yields in distilling trials and low levels of viscosity making it well suited to the distilling industry's requirements. Its high specific weight is of benefit to all growers in the north.

